



# **TRENDS IN DEGREES AWARDED AT MARYLAND HIGHER EDUCATION INSTITUTIONS**

**March 2005**

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This report summarizes the major trends in awards at Maryland higher education institutions from 1994 to 2004. It examines patterns in degrees awarded by level, program, and gender and race.

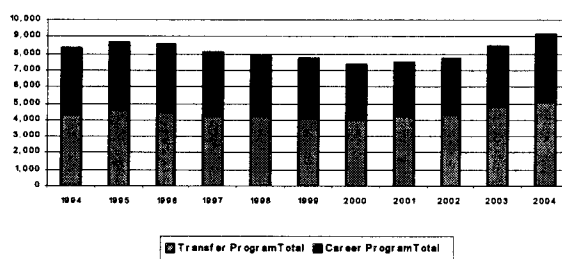
### Trends in Degrees Awarded by Level

During the 2003-04 academic year, Maryland colleges and universities awarded 50,999 community college certificates, associate degrees, baccalaureates, master's degrees, doctorates, and first professional degrees, one-fourth more than the number earned 10 years ago (40,746) and the highest in State history.

Lower division certificates, which are typically awarded by community colleges for the equivalent of one year of full-time study, exhibited strong growth since 1999, rising from 1,816 to 3,027 or by 67 percent.

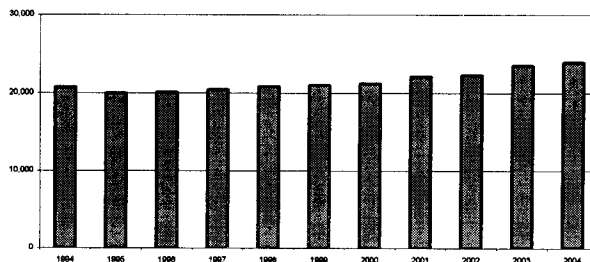
Associate degrees have experienced a dramatic turnaround in recent years. The number of these degrees declined steadily between 1995 and 2000. Since 2000, the number of associate degrees has increased from 7,395 to a historic high of 9,143 – or by 20 percent.

Associate Degrees Awarded  
1994 to 2004



The number of bachelor's degrees awarded has steadily increased by 20 percent between 1995 and 2004. The number of baccalaureates earned in 2004 – 23,879 – is the most in the State's history.

Bachelor's Degrees Awarded  
1994 to 2004



The number of master's degrees awarded has increased by 57 percent during the past 10 years from 8,182 in 1994 to an historic high of 12,824 in 2004. Similarly, the number of doctoral degrees has increased by 14 percent from 934 in 1994 to an historic high of 1,063 in 2004.

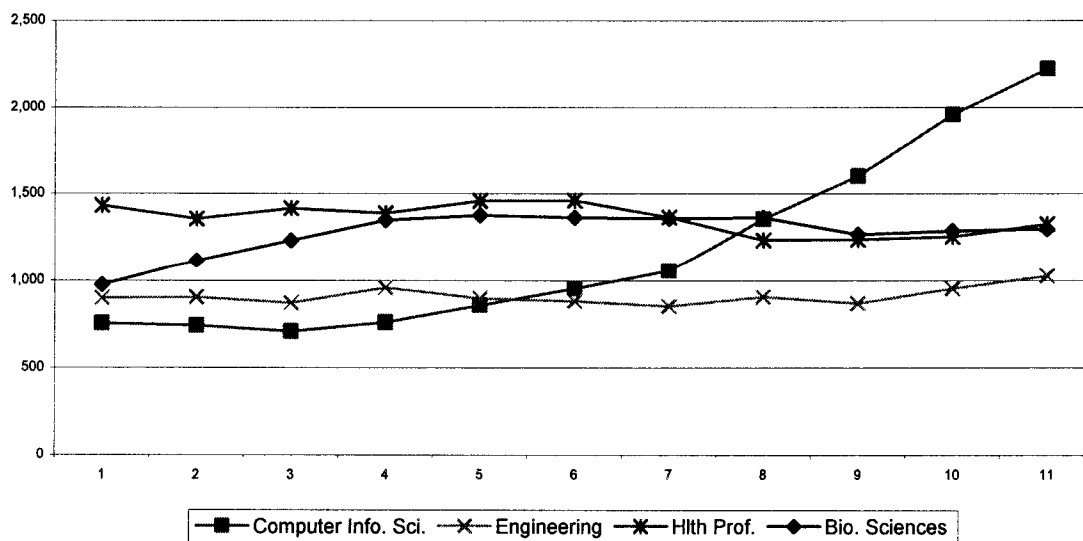
The number of first professional degrees awarded outside of theology has fluctuated over the 10-year period. The number earned in 2004 (1,063) represented a record high.

### Trends in Degrees Awarded by Program

At the community colleges, most of the growth in certificates has come in data processing and health services technologies (Table 1). Nearly all of the increase in associate degrees in transfer programs has occurred in general studies and arts and sciences. The growth in associate degrees in career programs can be attributed to data processing technology where the numbers more than doubled over the past 10 years. Thirty eight percent of all associate degrees earned in career programs in 2004 were in the health services technologies, while 59 percent of those in transfer programs were awarded in general studies (Table 2).

The fastest growing baccalaureate program has been computer and information sciences where the number of degrees has tripled since 1994. In terms of other fields for which there has been strong workforce demand, there have been increases in the number of bachelor's degrees awarded in the biological sciences (33 percent), business and management (19 percent) and engineering (14 percent). While the number of baccalaureates earned in the health professions has regularly risen since 2001, fewer were received in 2004 than 10 years earlier (Table 3).

**Bachelor's Degrees Awarded in Biological Sciences, Computer Sciences, Engineering, and Health Professions**

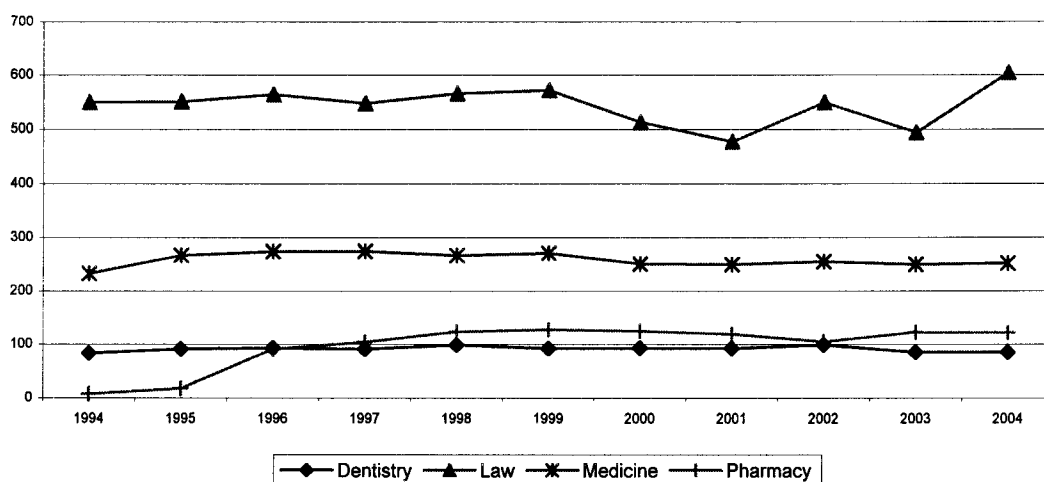


At the graduate level, the strongest growth in the number of master's degrees has come in the biological sciences (where awards more than tripled in the past 10 years), computer and information sciences (which have more than doubled), education (nearly doubled), business and management (69 percent increase), and the health professions (50 percent

rise). Business and education represented nearly half (49 percent) of the master's degrees awarded in Maryland in 2004 (Table 4).

The number of doctorates awarded in health professions more than doubled during the past 10 years. The largest number of doctorates awarded in the State in 2004 were in the health professions, the biological sciences, and engineering (Table 5). First professional degrees awarded in pharmacy showed substantial growth from 8 in 1994 to 1,063 in 2004. First professional degrees in law rose sharply in 2004 after being flat for most of the 10-year period. There has been little change in the number of degrees earned in medicine and dentistry (Table 6).

**First Professional Degrees Awarded  
Dentistry, Law, Medicine, and Pharmacy  
1994 to 2004**



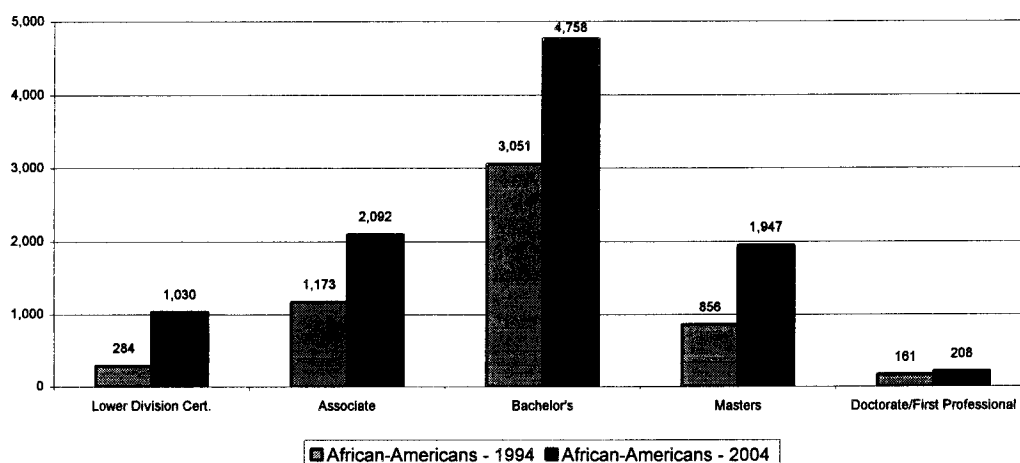
### **Trends in Degrees Awarded by Gender and Race**

Women earned 58 percent of bachelor's degrees awarded in 2004. Women also constituted the majority of recipients of lower division certificates (60 percent); associate degrees (66 percent) and master's degrees (58 percent). In 2004, women received 46 percent of doctorates, up from 42 percent in 1994, and 55 percent of first professional degrees, up from 45 percent in 1994. (Table 7). The largest number of baccalaureates awarded to women in 2004 were in the fields of business, social science, psychology and education (Table 8). Women have been responsible for the great majority of the growth in first professional degrees awarded in law and medicine in the past 10 years (Table 9).

Except for first professional degrees, African Americans have experienced an increase in the proportion of awards earned at Maryland campuses during the past 10 years (Table 10). The percentage of bachelor's degrees awarded to African American students rose from 15 percent in 1994 to 20 percent in 2004. African Americans also received an increasing share of community college certificates (16 percent to 34 percent), associate degrees (14 percent to 23 percent), and master's degrees (11 percent to 15 percent).

While the proportion of African Americans who earned doctorates has grown, the percentage in 2004 remains small (7.2 percent).

**Number of Degrees Awarded to African-Americans  
at All Levels  
Selected Years 1994 and 2004**



There were increases in the number of degrees awarded to both African American men and African American women during the 1994 to 2004 period. The number of bachelor's degrees awarded to African-American women jumped by 62 percent from 1,978 to 3,214, while the number awarded to African-American men grew by 44 percent (from 1,073 to 1,544).

Tables 11 through 14 compare the proportion of African Americans and all students who earned bachelor's, master's, doctoral and first professional degrees in specific academic fields in 1994 and 2004. A slightly greater percentage of African Americans (19 percent) than all students (16 percent) earned their bachelor's degree in business in 2004, while slightly fewer African Americans than all students received a degree in the social sciences (15 percent to 12 percent). More than half of African Americans (54 percent) who attained a master's degree majored in business or education, compared to 49 percent of all students. There was a noticeable difference in doctoral fields. A majority of the doctorates earned by African Americans in 2004 came in education (36 percent) and the health professions (26 percent). Among all students, the leading fields were the health professions (18 percent), biological sciences (15 percent), and engineering (15 percent). Just 9 percent of the total number of doctorates were awarded in education.

Tables 15 to 20 show trends during the past 10 years in the number of awards by race/ethnicity. Between 1994 and 2004, minorities (African Americans, Asian Americans, Native Americans, and Hispanics) experienced a sharp increase in the number of degrees earned at all levels -- exceeding the performance of whites by a substantial margin in each case. Each of the specific minority groups earned more degrees at every level in 2004 than it had in 1994, with just one exception. The number of bachelor's degrees achieved by minorities grew by 56 percent during this period, while

the number received by whites fell by 4 percent. The number of master's degrees earned by minorities more than doubled, while those to whites rose by 34 percent. Doctorates among minorities increased by 47 percent, compared to 3 percent for whites. First professional degrees rose by 48 percent for minorities and 5 percent for whites. The number of associate degrees earned by minorities jumped 82 percent, while those received by whites fell by 10 percent. Minorities more than tripled the number of community college certificates earned, compared to a 29 percent increase among whites.

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Table 1

**Trends in Lower Division Certificates Awarded by Major Program  
1994 - 2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% Change 1994-04
Bus & Com Tech	439	485	461	392	512	441	439	438	504	500	618	41%
Data Proc Tech	170	165	172	167	228	224	272	362	821	717	553	225%
Health Svc Tech	301	343	342	301	276	283	320	359	353	501	884	194%
Mech & Eng Tech	384	399	570	503	517	451	383	352	610	592	422	10%
Natural Sci Tech	170	159	151	105	114	100	88	56	65	58	69	-59%
Public Svc Tech	267	275	330	346	405	277	288	293	297	410	404	51%
<b>Total</b>	<b>1,744</b>	<b>1,860</b>	<b>2,053</b>	<b>1,842</b>	<b>2,117</b>	<b>1,816</b>	<b>1,827</b>	<b>1,910</b>	<b>2,680</b>	<b>2,845</b>	<b>3,027</b>	<b>74%</b>

Source: MHEC Degree Information System



Table 2

**Trends in Associate Degrees Awarded  
By Major Program  
1994 - 2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% Change 1994-04
<b>Transfer Programs</b>												
Arts & Sciences	524	590	622	629	676	658	656	625	621	711	791	51%
Engineering	108	86	81	63	67	75	56	73	57	71	101	-6%
General Studies	2,395	2,628	2,611	2,516	2,392	2,320	2,217	2,443	2,677	2,895	2,992	25%
Teacher Education	290	279	284	257	212	226	214	223	216	258	313	8%
Bus. Administration	851	850	736	684	725	713	668	652	630	694	698	-18%
Computer Science	130	133	125	103	119	110	143	154	172	193	141	8%
<b>Transfer Program Total</b>	<b>4,298</b>	<b>4,566</b>	<b>4,459</b>	<b>4,252</b>	<b>4,191</b>	<b>4,102</b>	<b>3,954</b>	<b>4,170</b>	<b>4,378</b>	<b>4,822</b>	<b>5,036</b>	<b>17%</b>
<b>Career Programs</b>												
Bus. & Comm. Tech.	1,067	1,170	978	851	892	810	725	741	776	752	816	-24%
Data Proc. Tech.	292	266	334	321	306	386	415	453	538	628	643	120%
Health Svc Tech.	1,575	1,556	1,644	1,535	1,515	1,400	1,376	1,194	1,259	1,351	1,572	0%
Mech. & Eng. Tech.	284	266	241	264	249	250	209	199	178	212	282	-1%
Natural Sci. Tech.	185	152	216	215	165	229	205	176	171	172	200	8%
Public Svc. Tech.	591	656	717	630	546	514	507	489	457	542	594	1%
<b>Career Program Total</b>	<b>3,994</b>	<b>4,066</b>	<b>4,130</b>	<b>3,816</b>	<b>3,673</b>	<b>3,589</b>	<b>3,437</b>	<b>3,252</b>	<b>3,379</b>	<b>3,657</b>	<b>4,107</b>	<b>3%</b>
<b>All Associate Degrees</b>	<b>8,292</b>	<b>8,632</b>	<b>8,589</b>	<b>8,068</b>	<b>7,864</b>	<b>7,691</b>	<b>7,395</b>	<b>7,422</b>	<b>7,757</b>	<b>8,479</b>	<b>9,143</b>	<b>10%</b>

Source: MHEC Degree Information System

Table 3

**Trends in Bachelor's Degrees Awarded  
By Major Program  
1994 - 2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% Change 1994-04
Ag. & Nat. Res.	146	172	146	190	184	170	166	121	135	124	122	-16%
Arch & Env Res.	73	49	66	73	51	54	63	60	61	68	81	11%
Area Studies	56	66	57	74	54	61	68	83	86	98	104	86%
Bio. Sciences	976	1,118	1,235	1,351	1,379	1,366	1,359	1,366	1,271	1,291	1,301	33%
Bus. & Mgmt.	3,179	2,957	2,863	2,820	2,940	3,123	2,896	3,151	3,163	3,583	3,797	19%
Communications	1,009	894	908	878	902	947	958	1,041	1,027	1,096	1,335	32%
Computer Info. Sci.	754	742	709	759	856	953	1,056	1,358	1,602	1,960	2,224	195%
Education	1,734	1,689	1,628	1,689	1,668	1,698	1,543	1,610	1,603	1,611	1,677	-3%
Engineering	898	905	871	959	897	881	851	906	867	953	1,027	14%
Fine & App. Arts	790	745	766	785	805	925	978	1,073	1,098	1,177	1,200	52%
Foreign Lang	215	162	178	198	201	206	244	223	192	208	233	8%
Hlth Prof.	1,434	1,358	1,418	1,391	1,460	1,462	1,367	1,238	1,241	1,257	1,329	-7%
Home Ec.	309	184	136	194	168	183	174	172	171	168	132	-57%
Law	67	58	76	74	82	66	62	70	65	79	130	94%
Letters	1,060	1,006	934	970	974	1,023	1,026	1,162	1,249	1,348	1,111	5%
Mathematics	226	249	252	228	236	227	216	221	204	252	247	9%
Physical Sci.	289	240	263	256	225	223	237	256	252	220	238	-18%
Psychology	1,220	1,243	1,318	1,392	1,361	1,349	1,384	1,317	1,398	1,408	1,597	31%
Pub. Affairs	689	620	594	593	668	604	635	639	527	667	592	-14%
Social Sci.	2,879	2,726	2,849	2,731	2,758	2,726	2,990	2,944	2,953	3,338	3,510	22%
Theology	105	108	74	88	111	111	110	111	112	123	122	16%
Interdiscipl.	2,612	2,641	2,716	2,691	2,824	2,628	2,776	2,960	2,938	2,441	1,770	-32%
<b>Total*</b>	<b>20,720</b>	<b>19,932</b>	<b>20,057</b>	<b>20,384</b>	<b>20,804</b>	<b>20,986</b>	<b>21,159</b>	<b>22,082</b>	<b>22,215</b>	<b>23,470</b>	<b>23,879</b>	<b>15%</b>

Source: MHEC Degree Information System

Table 4

**Trends in Masters Degrees Awarded  
By Major Program  
1994 - 2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% Change 1994-04
Ag. & Nat. Res.	40	26	41	41	46	57	47	52	53	34	57	43%
Arch. & Env. Res.	68	47	48	44	39	38	34	43	36	38	40	-41%
Area Studies	25	12	15	17	9	19	18	15	20	18	38	52%
Bio. Sciences	109	150	183	219	191	241	226	247	249	279	341	213%
Bus. & Mgmt.	2,029	2,171	3,005	2,510	2,688	2,826	2,717	2,811	3,036	3,320	3,426	69%
Communications	71	76	71	65	68	71	53	56	54	71	112	58%
Computer Info. Sci.	468	478	528	493	530	614	638	709	773	913	1,052	125%
Education	1,518	1,793	1,884	2,157	2,271	2,458	2,442	2,430	2,790	2,798	2,914	92%
Engineering	605	682	626	637	535	657	660	679	618	684	782	29%
Fine & App. Arts	226	243	241	255	236	253	251	274	290	277	306	35%
Foreign Lang.	45	29	25	41	26	34	23	33	21	22	33	-27%
Hlth. Prof.	690	800	865	998	1,013	951	1,046	1,100	1,017	988	1,037	50%
Home Ec.	23	26	17	18	15	19	14	17	15	8	17	-26%
Law	63	33	49	38	35	37	37	33	28	15	44	-30%
Letters	138	181	188	152	145	166	176	184	215	208	233	69%
Library Sci.	133	110	98	121	103	83	101	111	131	90	97	-27%
Mathematics	60	60	74	64	66	57	51	61	39	58	76	27%
Physical Sci.	108	100	144	161	204	182	158	152	196	153	161	49%
Psychology	365	492	440	448	441	445	434	420	407	424	392	7%
Pub. Affairs	454	489	524	469	483	473	486	470	425	505	478	5%
Social Sci.	599	631	696	639	663	677	658	687	774	790	850	42%
Theology	93	72	62	92	75	68	83	85	65	76	81	-13%
Interdiscipl.	252	290	226	224	243	194	236	196	185	186	257	2%
<b>Total*</b>	<b>8,182</b>	<b>8,991</b>	<b>10,052</b>	<b>9,903</b>	<b>10,129</b>	<b>10,620</b>	<b>10,589</b>	<b>10,865</b>	<b>11,437</b>	<b>11,955</b>	<b>12,824</b>	<b>57%</b>

\* Includes unknown areas in 1993, 1996, 1997 and 1998.

Sources: MHEC Degree Information System

Table 5

**Trends in Doctoral Degrees Awarded  
By Major Program  
1994 - 2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% Change 1994-04
Ag. & Nat. Res.	15	15	19	12	13	21	4	18	11	10	19	27%
Area Studies	11	2	8	5	5	10	5	5	6	5	7	-36%
Bio. Sciences	138	132	144	148	156	155	165	157	184	152	163	18%
Bus. & Mgmt.	16	18	12	13	15	14	15	6	10	13	16	0%
Communications	7	4	9	5	12	8	13	3	7	10	5	-29%
Computer Info. Sci.	28	29	24	31	23	37	24	26	38	26	27	-4%
Education	136	110	86	107	105	102	87	59	91	75	97	-29%
Engineering	137	152	150	143	148	133	138	155	133	142	158	15%
Fine & App. Arts	39	22	46	38	53	59	39	46	50	47	59	51%
Foreign Lang.	8	12	10	17	13	12	16	9	17	13	9	13%
Hlth. Prof.	86	100	123	126	130	138	144	146	135	136	193	124%
Home Econ.	9	5	2	1	3	2	0	1	0	0	0	-100%
Letters	27	30	24	33	25	28	37	34	28	36	30	11%
Library Sci.	2	3	0	1	1	2	1	1	1	6	1	-50%
Mathematics	30	22	30	31	38	37	31	32	30	23	22	-27%
Physical Sci.	85	88	109	107	99	77	78	72	50	84	89	5%
Psychology	36	32	34	55	33	33	39	58	36	56	45	25%
Pub. Affairs	15	7	12	6	11	5	5	9	6	7	7	-53%
Social Sci.	102	85	97	101	104	117	105	121	130	119	108	6%
Theology	2	2	4	5	4	8	4	6	5	2	1	-50%
Interdiscipl.	5	7	3	3	4	2	2	0	5	8	7	40%
<b>Total</b>	<b>934</b>	<b>877</b>	<b>946</b>	<b>988</b>	<b>995</b>	<b>1,000</b>	<b>952</b>	<b>964</b>	<b>973</b>	<b>970</b>	<b>1,063</b>	<b>14%</b>

Source: MHEC Degree Information System

Table 6

**Trends in First Professional Degrees Awarded  
by Program  
1994 - 2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% Change 1994-04
Dentistry	83	91	93	91	99	92	93	92	99	85	85	2%
Law	550	551	564	548	566	572	513	477	550	494	604	10%
Medicine	233	267	274	275	267	271	251	250	255	250	252	8%
Pharmacy	8	18	91	104	124	128	125	119	105	123	122	1425%
<b>Total</b>	<b>874</b>	<b>927</b>	<b>1,022</b>	<b>1,018</b>	<b>1,056</b>	<b>1,063</b>	<b>982</b>	<b>938</b>	<b>1,009</b>	<b>952</b>	<b>1,063</b>	<b>22%</b>

Source: MHEC Degree Information System

Table 7

**Trends in Degrees Awarded to Women at Maryland Campuses 1994 - 2004**  
**(By Degree Level)**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% Change 1994-04
<b>Lower Division Cert</b>												
# Male	792	815	1,024	872	1,024	806	794	846	1,431	1,443	1,209	53%
# Female	952	1,045	1,029	970	1,093	1,010	1,033	1,064	1,249	1,402	1,818	91%
% Female	<b>54.6%</b>	<b>56.2%</b>	<b>50.1%</b>	<b>52.7%</b>	<b>51.6%</b>	<b>55.6%</b>	<b>56.5%</b>	<b>55.7%</b>	<b>46.6%</b>	<b>49.3%</b>	<b>60.1%</b>	
<b>Associate</b>												
# Male	3,063	3,026	3,008	2,735	2,626	2,543	2,524	2,524	2,898	3,282	3,144	3%
# Female	5,229	5,606	5,581	5,333	5,238	5,148	4,871	4,908	4,859	5,208	6,005	15%
% Female	<b>63.1%</b>	<b>64.9%</b>	<b>65.0%</b>	<b>66.1%</b>	<b>66.6%</b>	<b>66.9%</b>	<b>65.9%</b>	<b>66.0%</b>	<b>62.6%</b>	<b>61.3%</b>	<b>65.6%</b>	
<b>Bachelor's</b>												
# Male	9,051	8,656	8,576	8,711	8,746	8,762	8,721	9,156	9,204	9,630	9,924	10%
# Female	11,669	11,276	11,481	11,673	12,058	12,224	12,438	12,926	13,011	13,840	13,955	20%
% Female	<b>56.3%</b>	<b>56.6%</b>	<b>57.2%</b>	<b>57.3%</b>	<b>58.0%</b>	<b>58.2%</b>	<b>58.8%</b>	<b>58.5%</b>	<b>58.6%</b>	<b>59.0%</b>	<b>58.4%</b>	
<b>Masters</b>												
# Male	3,622	3,840	4,390	4,152	4,270	4,392	4,373	4,453	4,676	4,957	5,339	47%
# Female	4,560	5,151	5,662	5,757	5,859	6,228	6,216	6,412	6,761	6,998	7,485	64%
% Female	<b>55.7%</b>	<b>57.3%</b>	<b>56.3%</b>	<b>58.1%</b>	<b>57.8%</b>	<b>58.6%</b>	<b>58.7%</b>	<b>59.0%</b>	<b>59.1%</b>	<b>58.5%</b>	<b>58.4%</b>	
<b>Doctorate</b>												
# Male	539	505	549	561	563	553	511	538	546	489	571	6%
# Female	395	372	397	427	432	447	441	426	427	481	492	25%
% Female	<b>42.3%</b>	<b>42.4%</b>	<b>42.0%</b>	<b>43.2%</b>	<b>43.4%</b>	<b>44.7%</b>	<b>46.3%</b>	<b>44.2%</b>	<b>43.9%</b>	<b>49.6%</b>	<b>46.3%</b>	
<b>First Professional</b>												
# Male	475	493	504	509	584	621	526	505	595	558	523	10%
# Female	391	416	518	509	531	523	523	498	534	511	617	58%
% Female	<b>45.2%</b>	<b>45.8%</b>	<b>50.7%</b>	<b>50.0%</b>	<b>47.6%</b>	<b>45.7%</b>	<b>49.9%</b>	<b>49.7%</b>	<b>47.3%</b>	<b>47.8%</b>	<b>54.1%</b>	

Source: MHEC Degree Information System

Table 8

**Trends in Degrees Awarded to Women  
By Major Program  
1994 - 2004**

	Bachelor's		Master's		Doctorate	
	1994	2004	1994	2004	1994	2004
Ag. & Nat. Res.	62	62	25	42	4	7
Arch. & Env. Res.	29	44	21	18	0	0
Area Studies	36	76	19	30	7	3
Bio. Sciences	504	835	64	206	66	78
Bus. & Mgmt.	1,561	2,029	820	1,517	6	5
Communications	615	891	47	78	2	3
Computer Info. Sci.	297	684	118	303	5	4
Education	1,377	1,343	1,233	2,342	90	69
Engineering	166	231	92	176	20	23
Fine & App. Arts	489	767	158	180	19	36
Foreign Lang.	149	166	33	25	6	5
Hlth. Prof.	1,234	1,171	512	781	53	134
Home Ec.	248	112	20	14	8	0
Law	55	102	33	31	0	0
Letters	641	718	80	174	16	18
Library Sci.	0	0	109	73	0	0
Mathematics	106	127	20	30	10	4
Physical Sci.	70	108	30	80	15	22
Psychology	929	1,295	262	306	19	29
Pub. Affairs	433	448	368	398	10	6
Social Sci.	1,261	1,667	297	483	38	42
Theology	20	17	15	21	0	0
Interdiscipl.	1,383	1,062	184	177	1	4
<b>Total</b>	<b>11,665</b>	<b>13,955</b>	<b>4,560</b>	<b>7,485</b>	<b>395</b>	<b>492</b>

Source: MHEC Degree Information System

Table 9

**First Professional Degrees Awarded  
to Women by Program  
1994 - 2004**

	1994	1999	2004	% Change 1994-04
Dentistry	38	39	39	3%
Law	261	277	344	32%
Medicine	92	117	121	32%
Pharmacy	6	90	83	1283%
<b>Total</b>	<b>397</b>	<b>523</b>	<b>587</b>	<b>48%</b>

Source: MHEC Degree Information System



Table 10

**Trends in Degrees Awarded to African Americans at Maryland Campuses 1994 - 2004**  
(By Degree Level)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% Change 1994-04
<b>Lower Division Cert.</b>												
African-American Women	184	213	194	196	231	248	258	274	429	395	656	257%
African-American Men	100	117	148	118	123	125	146	167	449	452	374	274%
Total African Americans	284	330	342	314	354	373	403	441	878	847	1,030	263%
All Other Graduates	1,460	1,530	1,711	1,528	1,763	1,443	1,418	1,469	1,802	1,998	1,997	37%
<b>% African Americans</b>	<b>16.3%</b>	<b>17.7%</b>	<b>16.7%</b>	<b>17.0%</b>	<b>16.7%</b>	<b>20.5%</b>	<b>22.1%</b>	<b>23.1%</b>	<b>32.8%</b>	<b>29.8%</b>	<b>34.0%</b>	
<b>Associate</b>												
African-American Women	785	888	939	938	885	942	1,023	1,046	1,050	1,120	1,432	82%
African-American Men	388	403	426	414	368	378	428	399	557	676	660	70%
Total African Americans	1,173	1,291	1,365	1,352	1,253	1,320	1,451	1,445	1,607	1,796	2,092	78%
All Other Graduates	7,119	7,341	7,224	6,716	6,611	6,371	5,944	5,987	6,150	6,694	7,057	-1%
<b>% African Americans</b>	<b>14.1%</b>	<b>15.0%</b>	<b>15.9%</b>	<b>16.8%</b>	<b>15.9%</b>	<b>17.2%</b>	<b>19.6%</b>	<b>19.4%</b>	<b>20.7%</b>	<b>21.2%</b>	<b>22.9%</b>	
<b>Bachelor's</b>												
African-American Women	1,978	2,102	2,213	2,438	2,581	2,732	2,922	3,043	3,008	3,230	3,214	62%
African-American Men	1,073	1,177	1,120	1,177	1,260	1,302	1,402	1,385	1,441	1,484	1,544	44%
Total African Americans	3,051	3,279	3,333	3,615	3,841	4,034	4,324	4,428	4,449	4,714	4,758	56%
All Other Graduates	17,669	16,653	16,724	16,769	16,943	16,952	16,835	17,654	17,766	18,756	19,121	8%
<b>% African Americans</b>	<b>14.7%</b>	<b>16.5%</b>	<b>16.6%</b>	<b>17.7%</b>	<b>18.5%</b>	<b>19.2%</b>	<b>20.4%</b>	<b>20.1%</b>	<b>20.0%</b>	<b>20.1%</b>	<b>19.9%</b>	
<b>Masters</b>												
African-American Women	560	661	838	898	822	1,024	995	1,054	1,242	1,214	1,366	144%
African-American Men	296	291	369	355	395	403	454	486	518	525	581	96%
Total African Americans	856	952	1,207	1,253	1,217	1,427	1,449	1,540	1,760	1,739	1,947	127%
All Other Graduates	7,326	8,039	8,845	8,656	8,912	9,136	9,140	9,325	9,677	10,216	10,877	48%
<b>% African Americans</b>	<b>10.5%</b>	<b>10.6%</b>	<b>12.0%</b>	<b>12.6%</b>	<b>12.0%</b>	<b>13.5%</b>	<b>13.7%</b>	<b>14.2%</b>	<b>15.4%</b>	<b>14.5%</b>	<b>15.2%</b>	
<b>Doctorate</b>												
African-American Women	25	34	23	30	25	32	37	33	24	43	51	104%
African-American Men	17	17	12	24	17	12	10	12	24	20	26	53%
Total African Americans	42	51	35	54	42	44	47	45	48	63	77	83%
All Other Graduates	892	826	911	934	953	956	905	919	925	907	986	11%
<b>% African Americans</b>	<b>4.5%</b>	<b>5.8%</b>	<b>3.7%</b>	<b>5.5%</b>	<b>4.2%</b>	<b>4.4%</b>	<b>4.9%</b>	<b>4.7%</b>	<b>4.9%</b>	<b>6.5%</b>	<b>7.2%</b>	
<b>First Professional</b>												
African-American Women	81	86	89	88	99	79	90	84	90	66	92	14%
African-American Men	38	64	50	51	55	43	40	52	44	51	39	3%
Total African Americans	119	150	139	139	154	122	130	136	134	117	131	10%
All Other Graduates	747	759	884	881	961	1022	919	867	995	952	1009	35%
<b>% African Americans</b>	<b>13.7%</b>	<b>16.5%</b>	<b>13.6%</b>	<b>13.6%</b>	<b>13.8%</b>	<b>10.7%</b>	<b>12.4%</b>	<b>13.6%</b>	<b>11.9%</b>	<b>10.9%</b>	<b>11.5%</b>	

Source: MHEC Degree Information System

Table 11  
**Bachelor's Degrees Awarded to African-Americans and All Students  
 By Major Program  
 1994 and 2004**

	All Students				African-American			
	1994		2004		1994		2004	
Ag. & Nat. Res.	146	0.7%	122	0.5%	16	0.5%	13	0.3%
Arch. & Env. Res.	73	0.4%	81	0.3%	3	0.1%	5	0.1%
Area Studies	56	0.3%	104	0.4%	1	0.0%	6	0.1%
Bio. Sciences	976	4.7%	1,301	5.4%	106	3.5%	232	4.9%
Bus. & Mgmt.	3,179	15.3%	3,797	15.9%	654	21.4%	883	18.6%
Communications	1,009	4.9%	1,335	5.6%	178	5.8%	275	5.8%
Computer Info. Sci	754	3.6%	2,224	9.3%	147	4.8%	452	9.5%
Education	1,734	8.4%	1,677	7.0%	174	5.7%	253	5.3%
Engineering	898	4.3%	1,027	4.3%	108	3.5%	149	3.1%
Fine & App. Arts	790	3.8%	1,200	5.0%	40	1.3%	125	2.6%
Foreign Lang.	215	1.0%	233	1.0%	22	0.7%	26	0.5%
Hlth. Prof.	1,434	6.9%	1,329	5.6%	197	6.5%	290	6.1%
Home Ec.	309	1.5%	132	0.6%	43	1.4%	56	1.2%
Law	67	0.3%	130	0.5%	8	0.3%	44	0.9%
Letters	1,060	5.1%	1,111	4.7%	128	4.2%	177	3.7%
Library Sci.	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Mathematics	226	1.1%	247	1.0%	26	0.9%	29	0.6%
Physical Sci.	289	1.4%	238	1.0%	33	1.1%	20	0.4%
Psychology	1,220	5.9%	1,597	6.7%	199	6.5%	324	6.8%
Pub. Affairs	689	3.3%	592	2.5%	205	6.7%	337	7.1%
Social Sci.	2,879	13.9%	3,510	14.7%	343	11.2%	581	12.2%
Theology	105	0.5%	122	0.5%	19	0.6%	17	0.4%
Interdiscipl.	2,612	12.6%	1,770	7.4%	401	13.1%	464	9.8%
<b>Total</b>	<b>20,720</b>	<b>100.0%</b>	<b>23,879</b>	<b>100.0%</b>	<b>3,051</b>	<b>100.0%</b>	<b>4,758</b>	<b>100.0%</b>

Source: MHEC Degree Information System

Table 12

**Master's Degrees Awarded to African-Americans and All Students  
By Major Program  
1994 and 2004**

	All Students				African-American			
	1994		2004		1994		2004	
Ag. & Nat. Res.	40	0.5%	57	0.4%	1	0.1%	3	0.2%
Arch. & Env. Res.	68	0.8%	40	0.3%	18	2.1%	2	0.1%
Area Studies	25	0.3%	38	0.3%	0	0.0%	1	0.1%
Bio. Sciences	109	1.3%	341	2.7%	3	0.4%	29	1.5%
Bus. & Mgmt.	2,029	24.8%	3,426	26.7%	238	27.8%	617	31.7%
Communications	71	0.9%	112	0.9%	16	1.9%	41	2.1%
Computer Info. Sci.	468	5.7%	1,052	8.2%	41	4.8%	154	7.9%
Education	1,518	18.6%	2,914	22.7%	212	24.8%	438	22.5%
Engineering	605	7.4%	782	6.1%	20	2.3%	61	3.1%
Fine & App. Arts	226	2.8%	306	2.4%	16	1.9%	24	1.2%
Foreign Lang.	45	0.5%	33	0.3%	2	0.2%	3	0.2%
Hlth. Prof.	690	8.4%	1,037	8.1%	38	4.4%	123	6.3%
Home Ec.	23	0.3%	17	0.1%	3	0.4%	3	0.2%
Law	63	0.8%	44	0.3%	11	1.3%	22	1.1%
Letters	138	1.7%	233	1.8%	8	0.9%	16	0.8%
Library Sci.	133	1.6%	97	0.8%	6	0.7%	3	0.2%
Mathematics	60	0.7%	76	0.6%	6	0.7%	3	0.2%
Physical Sci.	108	1.3%	161	1.3%	3	0.4%	8	0.4%
Psychology	365	4.5%	392	3.1%	65	7.6%	103	5.3%
Pub. Affairs	454	5.5%	478	3.7%	89	10.4%	156	8.0%
Social Sci.	599	7.3%	850	6.6%	40	4.7%	75	3.9%
Theology	93	1.1%	81	0.6%	5	0.6%	15	0.8%
Interdiscipl.	252	3.1%	257	2.0%	15	1.8%	47	2.4%
<b>Total</b>	<b>8,182</b>	<b>100.0%</b>	<b>12,824</b>	<b>100.0%</b>	<b>856</b>	<b>100.0%</b>	<b>1,947</b>	<b>100.0%</b>

Source: MHEC Degree Information System

Table 13  
**Doctoral Degrees Awarded to African-Americans and All Students**  
**By Major Program**  
**1994 and 2004**

	All Students				African-American			
	1994		2004		1994		2004	
Ag. & Nat. Res.	15	1.6%	19	1.8%	1	2.4%	0	0.0%
Arch. & Env. Res.	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Area Studies	11	1.2%	7	0.7%	0	0.0%	1	1.3%
Bio. Sciences	138	14.8%	163	15.3%	2	4.8%	4	5.2%
Bus. & Mgmt.	16	1.7%	16	1.5%	0	0.0%	0	0.0%
Communications	7	0.7%	5	0.5%	0	0.0%	0	0.0%
Computer Info. Sci.	28	3.0%	27	2.5%	0	0.0%	0	0.0%
Education	136	14.6%	97	9.1%	27	64.3%	28	36.4%
Engineering	137	14.7%	158	14.9%	2	4.8%	6	7.8%
Fine & App. Arts	39	4.2%	59	5.6%	0	0.0%	0	0.0%
Foreign Lang.	8	0.9%	9	0.8%	0	0.0%	0	0.0%
Hlth. Prof.	86	9.2%	193	18.2%	2	4.8%	20	26.0%
Home Ec.	9	1.0%	0	0.0%	0	0.0%	0	0.0%
Law	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Letters	27	2.9%	30	2.8%	0	0.0%	0	0.0%
Library Sci.	2	0.2%	1	0.1%	0	0.0%	0	0.0%
Mathematics	30	3.2%	22	2.1%	0	0.0%	1	1.3%
Physical Sci.	85	9.1%	89	8.4%	1	2.4%	1	1.3%
Psychology	36	3.9%	45	4.2%	2	4.8%	6	7.8%
Pub. Affairs	15	1.6%	7	0.7%	2	4.8%	2	2.6%
Social Sci.	102	10.9%	108	10.2%	3	7.1%	8	10.4%
Theology	2	0.2%	1	0.1%	0	0.0%	0	0.0%
Interdiscipl.	5	0.5%	7	0.7%	0	0.0%	0	0.0%
<b>Total</b>	<b>934</b>	<b>100.0%</b>	<b>1,063</b>	<b>100.0%</b>	<b>42</b>	<b>100.0%</b>	<b>77</b>	<b>100.0%</b>

Source: MHEC Degree Information System

Table 14

**First Professional Degrees Awarded to African-Americans and All Students  
By Major Program  
1994 and 2004**

	All Students				African-American			
	1994		2004		1994		2004	
Dentistry	83	9.5%	85	8.0%	6	5.0%	3	2.4%
Law	550	62.9%	604	56.8%	96	80.7%	75	59.1%
Medicine	233	26.7%	252	23.7%	17	14.3%	22	17.3%
Pharmacy	8	0.9%	122	11.5%	0	0.0%	27	21.3%
<i>Total</i>	874	100.0%	1,063	100.0%	119	100.0%	127	100.0%

Source: MHEC Degree Information System

Table 15

**Trends in Certificates Awarded by Race  
1994 to 2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% Change 1994-04
African-American	284	330	342	314	354	373	404	441	878	847	1,030	263%
Native American	9	14	12	11	11	7	8	14	13	12	11	22%
Asian American	63	57	69	66	74	62	65	104	151	136	115	83%
Hispanic	47	41	74	66	58	63	41	67	97	170	103	119%
White	1,298	1,360	1,503	1,337	1,544	1,233	1,245	1,210	1,432	1,559	1,673	29%
Foreign	29	40	33	32	45	46	23	35	49	42	33	14%
Other	14	18	20	16	31	26	41	39	60	79	62	343%
<b>Total</b>	<b>1,744</b>	<b>1,860</b>	<b>2,053</b>	<b>1,842</b>	<b>2,117</b>	<b>1,810</b>	<b>1,827</b>	<b>1,910</b>	<b>2,680</b>	<b>2,845</b>	<b>3,027</b>	<b>74%</b>
Total All Minorities*	403	442	497	457	497	505	518	626	1,139	1,165	1,259	212%

\*All Minorities includes African American, Native American, Asian, and Hispanic

Source: MHEC Degree Information System

Table 16

**Trends in Associate Degrees Awarded by Race  
1994 to 2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% Change 1994-04
African-American	1,173	1,291	1,365	1,352	1,253	1,320	1,451	1,445	1,607	1,796	2,092	78%
Native-American	39	33	33	43	26	33	38	61	29	46	41	5%
Asian American	246	251	266	281	278	263	262	259	284	371	404	64%
Hispanic	121	135	156	138	169	160	193	211	229	322	343	183%
White	6,504	6,695	6,535	6,014	5,900	5,602	5,172	5,138	5,242	5,616	5,879	-10%
Foreign	163	168	163	134	160	176	125	135	159	126	145	-11%
Other	46	59	71	106	78	137	153	183	207	213	245	433%
<b>Total</b>	<b>8,292</b>	<b>8,632</b>	<b>8,589</b>	<b>8,068</b>	<b>7,864</b>	<b>7,691</b>	<b>7,394</b>	<b>7,432</b>	<b>7,757</b>	<b>8,490</b>	<b>9,149</b>	<b>10%</b>
<b>Total All Minorities*</b>	<b>1,579</b>	<b>1,710</b>	<b>1,820</b>	<b>1,814</b>	<b>1,726</b>	<b>1,776</b>	<b>1,944</b>	<b>1,976</b>	<b>2,149</b>	<b>2,535</b>	<b>2,880</b>	<b>82%</b>

*\*All Minorities includes African American, Native American, Asian, and Hispanic*

*Source: MHEC Degree Information System*

Table 17

**Trends in Bachelor Degrees Awarded by Race  
1994 to 2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% Change 1994-04
African-American	3,051	3,279	3,333	3,615	3,841	4,034	4,324	4,428	4,449	4,714	4,757	56%
Native-American	54	50	62	42	64	73	65	72	65	60	90	67%
Asian American	1,232	1,238	1,267	1,363	1,441	1,449	1,432	1,601	1,573	1,666	1,833	49%
Hispanic	404	412	414	444	474	518	602	599	621	638	713	76%
White	15,276	14,288	14,162	14,121	14,085	13,843	13,541	14,032	14,043	14,532	14,722	-4%
Foreign	587	579	616	625	674	756	760	811	783	983	760	29%
Other	112	86	203	174	225	313	435	539	681	872	1,000	793%
<b>Total</b>	20,716	19,932	20,057	20,384	20,804	20,986	21,159	22,082	22,215	23,465	23,875	15%
<b>Total All Minorities*</b>	4,741	4,979	5,076	5,464	5,820	6,074	6,423	6,700	6,708	7,078	7,393	56%

\*All Minorities includes African American, Native American, Asian, and Hispanic

Source: MHEC Degree Information System



Table 18

**Trends in Master's Degrees Awarded by Race  
1994 to 2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% Change 1994-04
African-American	856	952	1,207	1,253	1,217	1,427	1,449	1,540	1,760	1,739	1,947	127%
Native-American	20	26	26	22	17	21	25	24	30	47	39	95%
Asian American	329	370	434	447	483	504	506	552	592	619	718	118%
Hispanic	124	137	196	173	177	201	215	230	256	260	286	131%
White	5,962	6,548	7,232	6,989	7,025	7,094	6,977	6,940	7,328	7,566	8,011	34%
Foreign	825	883	876	929	1,062	1,181	1,143	1,322	1,219	1,376	1,361	65%
Other	66	75	81	96	148	192	274	257	252	348	446	576%
<b>Total</b>	8,182	8,991	10,052	9,909	10,129	10,620	10,589	10,865	11,437	11,955	12,808	57%
Total All Minorities*	1,329	1,485	1,863	1,895	1,894	2,153	2,195	2,346	2,638	2,665	2,990	125%

\*All Minorities includes African American, Native American, Asian, and Hispanic

Source: MHEC Degree Information System

Table 19

**Trends in Doctoral Degrees Awarded by Race  
1994 to 2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% Change 1994-04
African-American	42	51	35	54	42	44	47	45	48	63	77	83%
Native-American	3	0	1	1	1	0	3	1	2	1	2	-33%
Asian American	48	58	45	61	55	67	49	53	54	59	61	27%
Hispanic	14	8	14	19	10	16	23	14	14	21	17	21%
White	516	480	529	546	582	586	549	530	517	507	532	3%
Foreign	305	276	309	299	296	277	271	310	328	305	351	15%
Other	6	4	13	8	9	10	10	11	10	14	23	283%
<b>Total</b>	934	877	946	988	995	1,000	952	964	973	970	1,063	14%
<b>Total All Minorities*</b>	107	117	95	135	108	127	122	113	118	144	157	47%

\*All Minorities includes African American, Native American, Asian, and Hispanic

Source: MHEC Degree Information System

Table 20

**Trends in First Professional Degrees Awarded by Race  
1994 to 2004**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	% Change 1994-04
African-American	121	156	139	139	154	122	130	136	134	117	131	8%
Native-American	0	0	3	3	3	3	3	4	4	2	5	-
Asian American	73	94	104	115	122	132	144	115	133	147	148	103%
Hispanic	19	17	19	24	21	39	18	21	31	29	31	63%
White	749	713	832	796	786	786	716	696	777	723	783	5%
Foreign	10	21	18	7	14	17	16	15	22	29	19	90%
Other	0	0	0	3	15	18	22	16	28	22	23	-
<b>Total</b>	<b>972</b>	<b>1,001</b>	<b>1,115</b>	<b>1,087</b>	<b>1,115</b>	<b>1,117</b>	<b>1,049</b>	<b>1,003</b>	<b>1,129</b>	<b>1,069</b>	<b>1,140</b>	<b>17%</b>
<b>Total All Minorities*</b>	<b>213</b>	<b>267</b>	<b>265</b>	<b>281</b>	<b>300</b>	<b>296</b>	<b>295</b>	<b>276</b>	<b>302</b>	<b>295</b>	<b>315</b>	<b>48%</b>

*Note: Figures include degrees awarded in theology.*

*\*All Minorities includes African American, Native American, Asian, and Hispanic*

*Source: MHEC Degree Information System*